SUPPLEMENT III

DECLINING INDUSTRIES AND OCCUPATIONS

The attached list of declining industries was determined by using multiple data sources, including Unemployment Insurance reports, Current Employment Statistics data, and local periodicals. A seven-year span of information, from 1979 through 1985, was used in order to negate the effects of the business cycle.

The corresponding list of occupations was determined by examining Occupational Employment Statistics data. For each declining industry, only those occupations having greater than a third of their employment in the declining industry of that county are included. Those occupations with a third or less of their employment in the declining industry can be expected to have other opportunities for employment within the labor market. In addition, an occupation was not listed if it contained fewer than five employees in an industry. The occupations are listed in descending order by employment level.

SOURCE: Arizona Department of Economic Security, Research Administration, January 1986.

DECLINING INDUSTRIES

APACHE COUNTY
None

COCHISE COUNTY
Copper Mining
Retail Trade (Douglas only)

COCONINO COUNTY
Food Processing Manufacturing

GILA COUNTY
Copper Mining
Other Mining and Quarrying
Primary Metals Manufacturing

GRAHAM COUNTY
Copper Mining

GREENLEE COUNTY
Copper Mining
Primary Metals Manufacturing

LA PAZ COUNTY
None

MARICOPA COUNTY
Food Processing Manufacturing

MOHAVE COUNTY
Copper Mining

NAVAJO COUNTY
Railroad Transportation

PIMA COUNTY
Copper Mining
Primary Metals Manufacturing

PINAL COUNTY
Copper Mining
Other Mining and Quarrying
Primary Metals Manufacturing

SANTA CRUZ COUNTY
None

YAVAPAI COUNTY
Copper Mining

YUMA COUNTY
Retail Trade (San Luis only)

COCHISE COUNTY
Copper Mining

Loading Machine Operators, Underground Mining
Separating and Filtering Machine Operators
Crushing, Grinding, and Mixing Machine Operators
Operating Engineers

Retail Trade (Douglas only)

Salespersons, Retail
Waiters and Waitresses
Cashiers
First Line Supervisors and Manager/Supervisors - Sales
Miscellaneous Sales and Related Workers
Combined Food Preparation and Service Workers
Stock Clerks, Sales Floor
Cooks, Specialty Fast Food
Food Preparation Workers
Cooks, Restaurant
Service Station Attendants
Bartenders
Miscellaneous Freight, Stock, and Material Movers, Hand
Automotive Mechanics
Food Service and Lodging Managers
Butchers and Meat Cutters
Counter Attendants - Lunchroom, Coffee Shop, and Cafeteria
Pharmacists
Automotive Body and Related Repairers
Bakers, Bread and Pastry
Hand Packers and Packagers
Vehicle Washers and Equipment Cleaners
First Line Managers/Supervisors - Mechanics/Installers/Repairers
Designers, Except Interior Designers

COCONINO COUNTY
Food Processing Manufacturing

Packaging and Filling Machine Operators and Tenders
Industrial Truck and Tractor Operators
Cooking Machine Operators and Tenders, Food

GILA COUNTY
Copper Mining

Truck Drivers, Heavy or Tractor Trailer
Crushing, Grinding, and Mixing Machine Operators
Electricians
Mobile Heavy Equipment Mechanics, Except Engines
Welders and Cutters
First Line Managers/Supervisors - Mechanics/Installers/Repairers

Miscellaneous Machinery Maintenance Mechanics
Separating and Filtering Machine Operators
First Line Managers/Supervisors - Laborers and Helpers
Plumbers, Pipefitters, and Steamfitters
Miscellaneous Material Moving Equipment Operators
Chemical Technicians, Except Health
Grader, Dozer, and Scraper Operators
First Line Managers/Supervisors - Construction Trades and Extractive Workers
Machinery Maintenance Workers
Machinists
Bus and Truck Mechanics and Diesel Engine Specialists
Stock Clerks - Stockroom, Warehouse, or Yard
Miscellaneous Mechanics, Installers, and Repairers
Miscellaneous Engineers
First Line Managers/Supervisors - Transportation Operatives
Excavating and Loading Machine Operators
Metallurgical and Materials Engineers
First Line Supervisors - Clercial and Administrative Support
Accountants and Auditors
Geologists, Geophysicists, and Oceanographers
Mining Engineers, Including Mine Safety
Truck Drivers, Light - Including Delivery and Route
Mining, Quarrying, and Drilling Managers
Chemists, Except Biochemists
Weighers/Measurers/Checkers - Recordkeeping
Earth Drillers, Except Oil and Gas
Personnel Clerks, Except Payroll and Timekeeping
Riggers
Computer Programmers

Other Mining and Quarrying

Rock Splitters, Quarry

Primary Metals Manufacturing

Miscellaneous Helpers and Laborers
First Line Managers/Supervisors - Production and Operating Workers
Boilermakers
Furnace Operators and Tenders
Heat Treating/Tempering Machine Operators - Metal and Plastic
Crane and Tower Operators
Machinists
Plumbers, Pipefitters, and Steamfitters
Construction and Extraction Worker Helpers
Machinery Maintenance Mechanics
Heating Equipment Set-Up Operators - Metal and Plastic
Precision Instrument Repairers
Refractory Materials Repairers, Except Brick Masons
Metallurgical and Materials Engineers
Extrud./Drawing Machine Set-Up Operators - Metal and Plastic
Mechanic and Repairer Helpers

GRAHAM COUNTY
Copper Mining

Mine Cutting and Channeling Machine Operators
Guards and Watch Guards
First Line Managers/Supervisors - Laborers and Helpers

GREENLEE COUNTY
Copper Mining

Miscellaneous Helpers and Laborers
Mechanic and Repairer Helpers
First Line Managers/Supervisors - Transportation Operatives
Welders and Cutters
First Line Managers/Supervisors - Mechanics/Installers/Repairers
Miscellaneous Transportation and Related Workers
Maintenance Repairers, General Utility
Truck Drivers, Heavy or Tractor Trailer
Rail-Track Laying and Maintenance Equipment Operators
Electricians
Stationary Engineers
Miscellaneous Professional, Paraprofessional, and Technical Workers
Bookkeeping, Accounting, and Auditing Clerks
Bus and Truck Mechanics and Diesel Engine Specialists
Mobile Heavy Equipment Mechanics, Except Engines
Excavating and Loading Machine Operators
Grader, Dozer, and Scraper Operators
Secretaries
Earth Drillers, Except Oil and Gas
Automotive Mechanics
Guards and Watch Guards
Rail Car Repairers
Registered Nurses
Crane and Tower Operators
Miscellaneous Engineering and Related Technicians
Miscellaneous Machinery Maintenance Mechanics
Blasters and Explosives Workers
Personnel, Training, and Labor Relations Specialists
Compliance and Enforcement Inspectors, Except Construction
Plumbers, Pipefitters, and Steamfitters
Metallurgical and Materials Engineers
Surveying and Mapping Technicians and Technologists

Primary Metals Manufacturing

Furnace Operators and Tenders
First Line Managers/Supervisors - Construction Trades and Extractive Workers
Industrial Truck and Tractor Operators
Machine Feeders and Offbearers

MARICOPA COUNTY
Food Processing Manufacturing

Slaughterers and Butchers
Food Batchmakers
Roasting, Baking, and Drying Machine Operators, Food
Separating and Filtering Machine Operators
Cannery Workers
Meat, Poultry, and Fish Cutters - Hand
Dairy Processing Equipment Operators, Including Setters
Cooking Machine Operators and Tenders, Food

MOHAVE COUNTY
Copper Mining

Miscellaneous Extractive Workers, Except Helpers
Geologists, Geophysicists, and Oceanographers
Underground Mine Machinery Mechanics

NAVAJO COUNTY
Interstate Railroads

Railroad Brake, Signal, and Switch Operators
Rail Car Repairers
First Line Managers/Supervisors - Transportation Operators
Locomotive Engineers
Machinists
Rail Yard Engineers, Dinkey Operators, and Hostlers
Locomotive Firers

PIMA COUNTY
Copper Mining

Miscellaneous Machinery Maintenance Mechanics
Welders and Cutters
Mobile Heavy Equipment Mechanics, Except Engines
Geologists, Geophysicists, and Oceanographers
Separating and Filtering Machine Operators
Chemical Technicians and Technologists, Except Health
Metallurgical and Materials Engineers
Excavating and Loading Machine Operators
Mechanic and Repairer Helpers
Mining Engineers, Including Mine Safety
Mining, Quarrying, and Drilling Managers
Chemists, Except Biochemists
Earth Drillers, Except Oil and Gas

Primary Metals Manufacturing

Precision Foundry Mold and Core Makers

PINAL COUNTY
Copper Mining

Loading Machine Operators, Underground Mining
Blasters and Explosives Workers
First Line Managers/Supervisors - Construction Trades and Extractive Workers
Electricians
Miscellaneous Hand Workers
Construction and Extraction Worker Helpers
Underground Mine Machinery Mechanics
First Line Managers/Supervisors - Mechanics/Installers/Repairers
Truck Drivers, Heavy or Tractor Trailer
Plumbers, Pipefitters, and Steamfitters
Mobile Heavy Equipment Mechanics, Except Engines
Crane and Tower Operators
Mine Cutting and Channeling Machine Operators
Bus and Truck Mechanics and Diesel Engine Specialists
Roof Bolters
Grader, Dozer, and Scraper Operators
Machinery Maintenance Workers
Furnace, Kiln, Oven, Drier, or Kettle Operators
Crushing, Grinding, and Mixing Machine Operators
Stock Clerks - Stockroom, Warehouse, or Yard
Shuttle Car Operators
Miscellaneous Mechanics, Installers, and Repairers
Continuous Mining Machine Operators
Machinists
Rail Car Repairers
Excavating and Loading Machine Operators
Miscellaneous Mining Machine Operators
First Line Managers/Supervisors - Transportation Operatives
Mining Engineers, Including Mine Safety
Rail-Track Laying and Maintenance Equipment Operators
Welders and Cutters
Metallurgical and Materials Engineers

Other Mining and Quarrying

Mining, Quarrying, and Drilling Managers

Primary Metals Manufacturing

Machine Feeders and Offbearers
Miscellaneous Material Moving Equipment Operators
Extraction and Related Workers, Including Blasters
Boiler Operators and Tenders, Low Pressure
Separating and Filtering Machine Operators
Mechanic and Repairer Helpers
Conveyor Operators and Tenders

YAVAPAI COUNTY
Copper Mining

Excavating and Loading Machine Operators
Operating Engineers
Separating and Filtering Machine Operators

YUMA COUNTY
Retail Trade (San Luis only)

Salespersons, Retail
Cashiers
Waiters and Waitresses
Combined Food Preparation and Service Workers
First Line Supervisors and Manager/Supervisors - Sales
Miscellaneous Sales and Related Workers
Stock Clerks, Sales Floor
Cooks, Specialty Fast Food
Food Preparation Workers
Service Station Attendants
Cooks, Restaurant
Miscellaneous Freight, Stock, and Material Movers, Hand
Automotive Mechanics
Food Service and Lodging Managers
Counter Attendants - Lunchroom, Coffee Shop, and Cafeteria
Bartenders
Dining Room/Cafeteria Attendants and Bartender Helpers
Butchers and Meat Cutters
Purchasing Managers